

Title (en)
SLIDING SCREEN DOOR

Title (de)
SCHIEBESCHUTZTÜR

Title (fr)
PORTE-MOUSTIQUAIRE COULISSANTE

Publication
EP 1447517 A4 20041229 (EN)

Application
EP 02779927 A 20021029

Priority
• JP 0211215 W 20021029
• JP 2001332797 A 20011030
• JP 2002239753 A 20020820

Abstract (en)
[origin: EP1447517A1] The invention provides a sliding screen door having a net guide that moves in association with the opening and closing movement of a net, wherein the opening and closing operation of the screen door can be performed smoothly while providing a buffering effect with an adequate resistance, without hindering the opening and closing operability of a movable edge member, by enabling a reaction force, which is required for its bending, to be used as a buffering force against the operating force of the movable edge member, the net guide being formed by connecting guide pieces. In order to do so, a net guide 12 fed out from and drawn into the lower end of the vertical frame member 6 in association with the opening and closing operation of the net 4, is provided for guiding the lower end of the net 4. The net guide 12 is formed by connecting with a tape member 16 a number of guide pieces 14 formed substantially into a U-shape with a bottom portion 14a and a stabilizing portion 14b. The tape member 16 is inserted into the insertion devices 14c on the guide pieces 14 and the guide pieces 14 at both ends are fixed to the tape member 16. <IMAGE>

IPC 1-7
E06B 9/52; **E06B 9/262**

IPC 8 full level
E06B 9/262 (2006.01); **E06B 9/52** (2006.01)

CPC (source: EP KR US)
E06B 3/92 (2013.01 - KR); **E06B 9/262** (2013.01 - EP US); **E06B 9/52** (2013.01 - EP US); **E06B 2009/2625** (2013.01 - EP US)

Citation (search report)
• [PA] US 6318438 B1 20011120 - UNO AKIHIKO [JP], et al
• See references of WO 03038226A1

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EP2025858A3; ITTO20101038A1; EP1801343A4; EP2341210A2; WO2013015689A1; US10041294B2

Designated contracting state (EPC)
BE DE FR GB IT

DOCDB simple family (publication)
EP 1447517 A1 20040818; **EP 1447517 A4 20041229**; CN 1268830 C 20060809; CN 1578870 A 20050209; JP 2003201796 A 20030718; JP 3965334 B2 20070829; KR 100634865 B1 20061016; KR 20040060963 A 20040706; US 2004244919 A1 20041209; US 6978820 B2 20051227; WO 03038226 A1 20030508

DOCDB simple family (application)
EP 02779927 A 20021029; CN 02821486 A 20021029; JP 0211215 W 20021029; JP 2002239753 A 20020820; KR 20047006626 A 20021029; US 49190004 A 20040416